

Trade and Industrial Education
Course: Transportation Core
Course Code # 5702
½ to 1 Credit

School Year _____

Term: ___ Fall ___ Spring

Note: Standards 1 through 7 are for 1/2 credit. Standard 8 is for an additional 1/2 credit.

Student:	Grade:
Teacher:	School:
Number of Competencies in Course: 1/2 credit-31, 1 credit-33	
Number of Competencies Mastered:	
Percent of Competencies Mastered:	

STANDARD 1.0: Students will demonstrate leadership, citizenship, and teamwork skills required for success in the school, community, and workplace.

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
1.1	Cultivate positive leadership skills.			
1.2	Participate in SkillsUSA-VICA as an integral part of classroom instruction.			
1.3	Assess situations and apply problem-solving and decision-making skills to particular client relations in the community and workplace.			
1.4	Analyze the points of the SkillsUSA-VICA creed and purposes.			

STANDARD 2.0: Students will explore the transportation service industry and its career opportunities.

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
2.1	Trace the growth and development of the transportation service industry.			
2.2	Evaluate career paths within the transportation service industry.			
2.3	Evaluate personal characteristics required for success in the transportation service industry.			

STANDARD 3.0: Students will demonstrate communication skills required in the transportation service industry.

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
3.1	Communicate and comprehend oral and written information typically occurring in the transportation service workplace.			
3.2	Solve problems and make decisions using a logical process.			
3.3	Use teamwork skills to accomplish goals, solve problems, and manage conflict within groups.			

STANDARD 4.0: Students will apply mathematics and science knowledge and skills to transportation service technology.

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
4.1	Perform mathematical calculations and measurements commonly used in the transportation service workplace.			
4.2	Apply basic principles of chemistry to transportation service technology including automotive, diesel, motorcycle, all terrain vehicles, and watercraft.			
4.3	Apply basic principles of physics to transportation service technology including automotive, diesel, motorcycle, all terrain vehicles, and watercraft.			
4.4	Use the scientific process to determine the solution to a problem.			

STANDARD 5.0: Students will demonstrate transportation service technology safety practices, including Occupational Safety and Health Administration (OSHA) and Environmental Protection Agency (EPA) requirements for transportation service and repair facilities.

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
5.1	Determine the safe and correct application for chemicals used in a transportation service and repair facility.			
5.2	Use protective clothing and safety equipment.			
5.3	Use fire protection equipment.			
5.4	Follow OSHA and EPA regulations affecting transportation service technology.			
5.5	Respond to safety communications.			
5.6	Pass with 100 % accuracy a written examination relating to safety issues.			
5.7	Pass with 100% accuracy a performance examination relating to safety.			
5.8	Maintain a portfolio record of written safety examinations and equipment examinations for which the student has passed an operational checkout by the instructor.			

STANDARD 6.0: Students will identify and properly use, maintain, and store basic transportation service hand and power tools and equipment.

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
6.1	Identify and illustrate the function of common transportation hand and power tools.			
6.2	Properly use transportation hand and power tools and service and diagnostic equipment.			
6.3	Properly maintain and store transportation hand and power tools.			

STANDARD 7.0: Students will demonstrate interpersonal and employability skills required in the transportation service industry.

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
7.1	Infer relationships between work ethics, organizational skills, and personal job success.			
7.2	Demonstrate attitudes conducive to workplace success.			
7.3	Maintain a neat and orderly work area.			
7.4	Assess implications of diversity for communities and workplaces.			
7.5	Exhibit positive employability behaviors.			
7.6	Develop individual time management and work sequencing skills.			

STANDARD 8.0: Students will examine basic functions and operations of vehicle components and their maintenance and repair.

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
8.1	Examine the functions and operations of basic vehicle components.			
8.2	Demonstrate basic preventive maintenance and repair procedures.			

Additional Comments _____